

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 1		
						November 2001		
TO: Manatee County Port Authority, 13231 Eastern Avenue Palmetto, FL				FROM: USACE. District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Manatee Harbor, Manatee County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Widener: From junction of Cut-B (Tampa Bay) to 100 feet west of red Buoy-2	Nov-2001	400-2100	0.17	40	38.6 (1)	39.7 (1)	41.1	39.8 (1)
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Entrance Channel: from 100 feet west of red Buoy-2 to red Buoy-4.	Nov-2001	400	0.9	40	39.8	40.6	40.7	40.0
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Entrance Channel: from red Buoy-4 to red Buoy-6.	Nov-2001	400	0.8	40	38.9 (2)	40.3	40.2	38.4 (2)
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Entrance channel: from red Buoy-6 to 900 feet southeast of red Light-8.	Nov-2001	400-900	1	40	33.7 (3)	38.3 (3)	38.0 (3)	35.0 (3)
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Turning Basin	Nov-2001	750	0.34	40	37.1 (4)	37.6 (4)	37.5 (4)	37.9 (4)
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South Berthing Area No. 11	Nov-2001	400	0.15	40	35.2 (5)			36.1 (5)
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North Berthing Area No. 5	Nov-2001	100-400	0.13	20	18.2 (6)			16.9 (6)
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Remarks:

1. Minor spot shoal throughout widener.
2. Shoaling along the northern edge of channel from 1,200 feet west of and extending to Green Buoy-5. Shoaling also along the southern edge of channel from 1,000 feet west of and extending to Red Buoy-6.
3. Shoal along the northern and southern quarters of Entrance Channel.
4. Spot shoal throughout Turning Basin.
5. Shoal located throughout South Berthing area.
6. Spot shoal along northern edge of North Berthing Area.